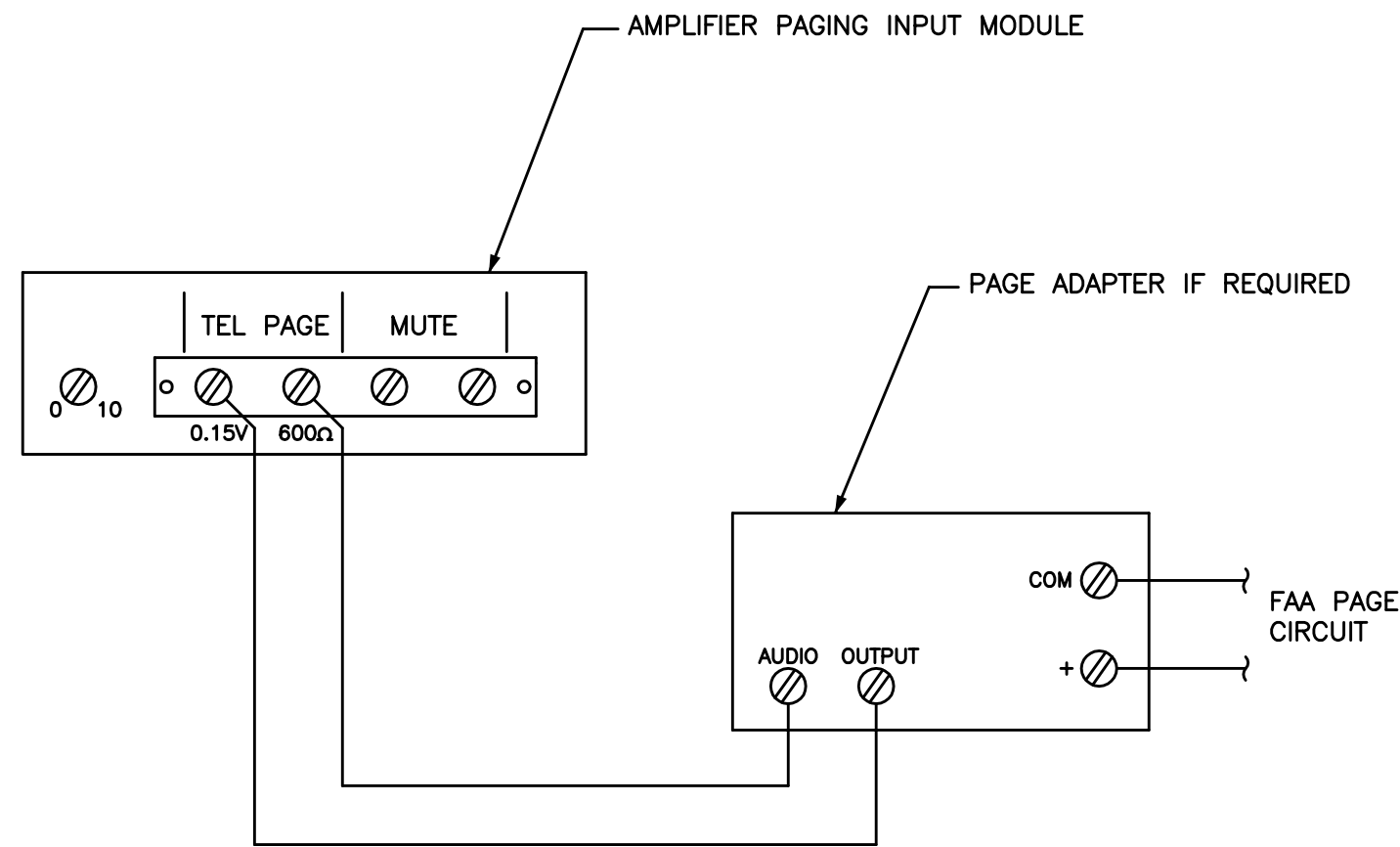
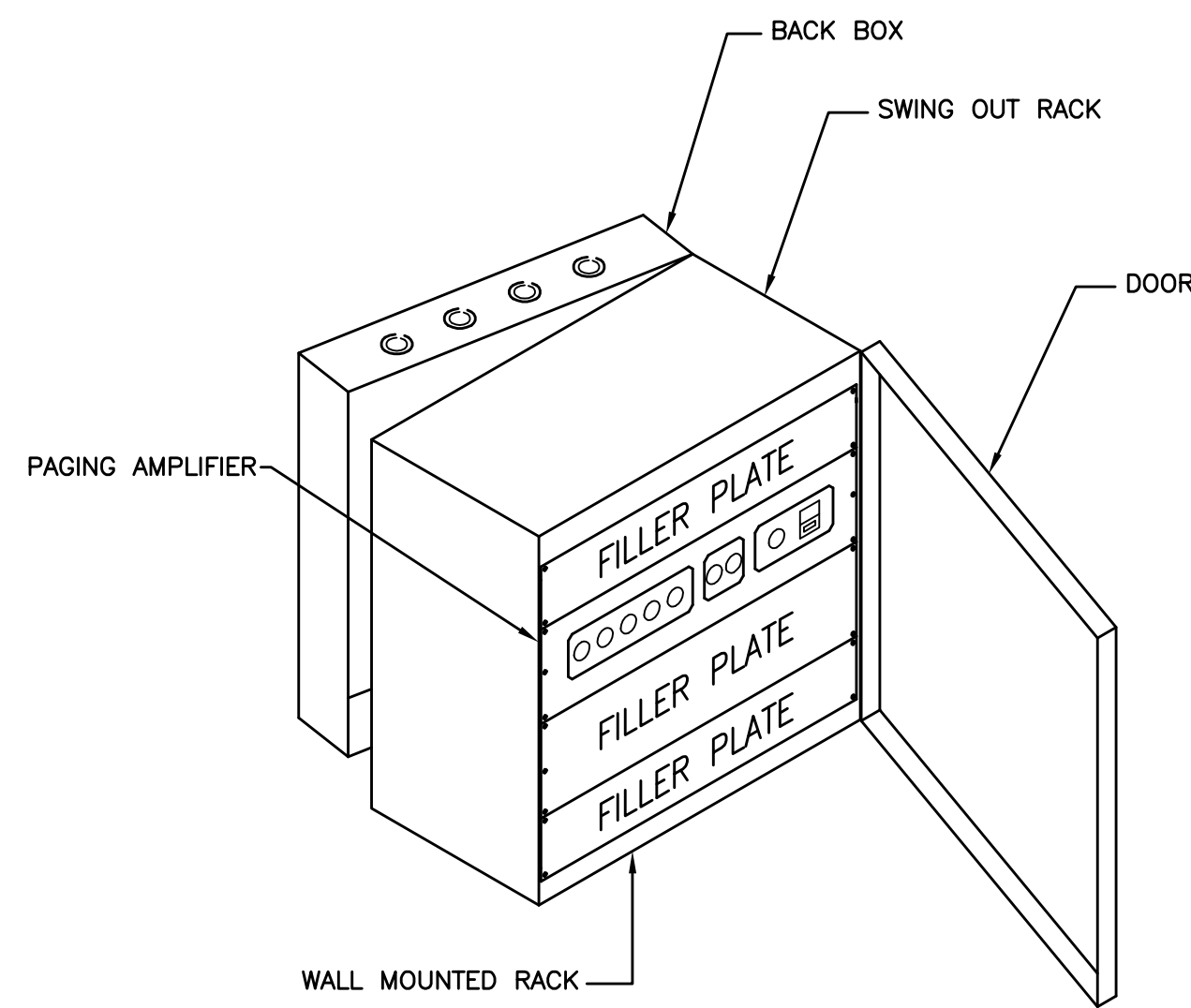


A TYPICAL SPEAKER CONNECTION DETAIL
NO SCALE



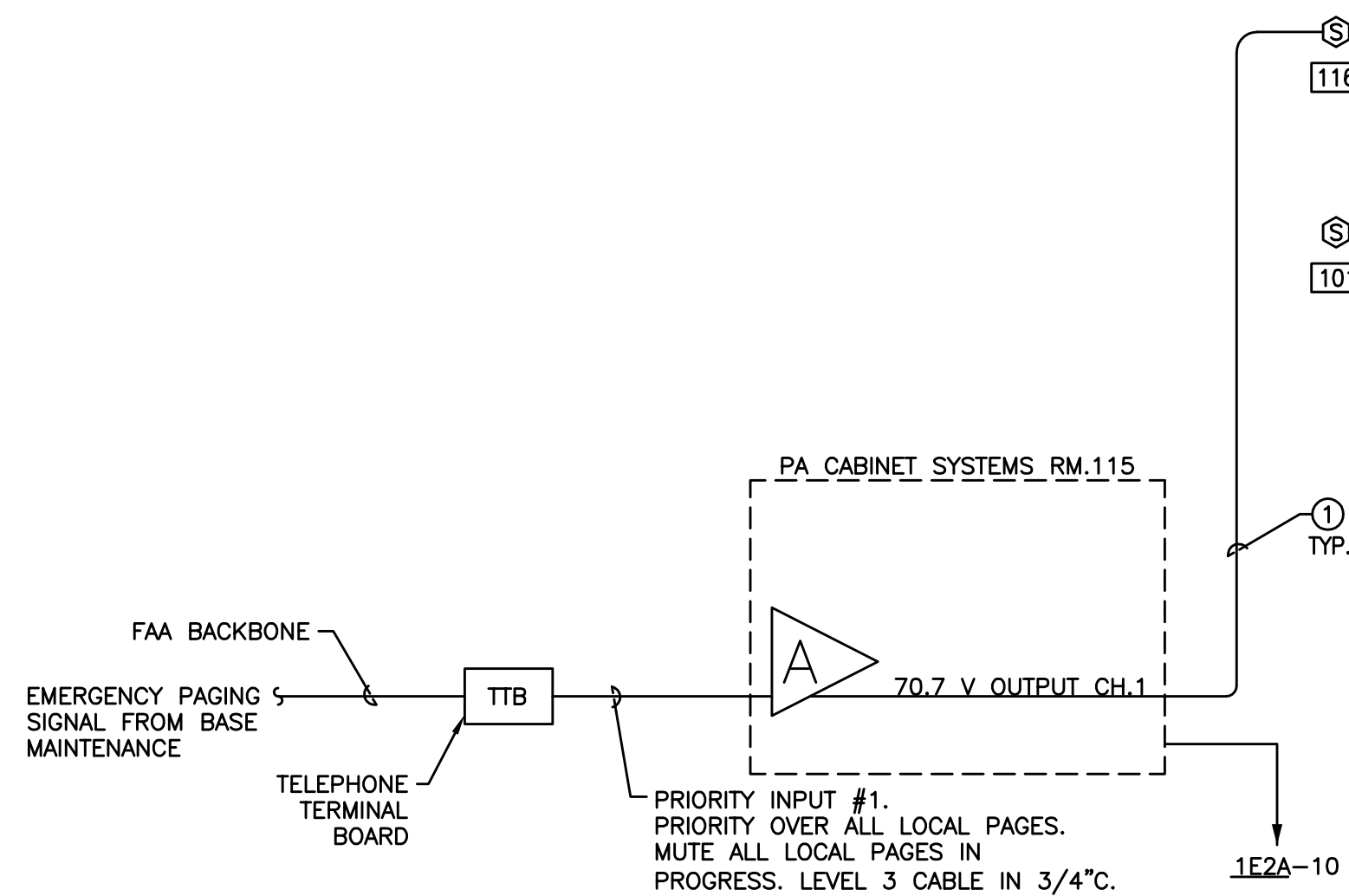
B PAGING AMPLIFIER
TELEPHONE CONNECTION DETAIL
NO SCALE



C WALL MOUNTED RACK DETAIL
NO SCALE

GENERAL NOTES:

- INSTALLING CONTRACTOR SHALL BE AN AUTHORIZED DISTRIBUTOR FOR PRIMARY SYSTEM COMPONENTS, AMPLIFIERS, LOUD SPEAKERS, ETC.
- SYSTEM DEVICE LOCATION AND SPACING SHALL BE AS SHOWN ON THE DRAWINGS.
- RISER DIAGRAM IS PROVIDED TO DEFINE CONTROL RELATIONSHIP SIGNAL FLOW AND PRIORITY.
- ALL EQUIPMENT SHALL BE TERMINATED WITH CRIMP TYPE CONNECTORS. NO SPLICES ARE PERMITTED OUTSIDE OF SPEAKER BACKBOXES.
- SYSTEM TO PROVIDE A MINIMUM OF 10 DB SPL ABOVE AMBIENT NOISE LEVEL WITHIN AREA OF NOTIFICATION. CONTRACTOR SHALL MAKE ALL NECESSARY ADJUSTMENTS PER EACH DEVICE TO MEET THIS REQUIREMENT.
- PROVIDE 1/2" FLEXIBLE METAL CONDUIT FROM SPEAKER BACKBOX TO FIXED CONDUIT J-BOX.
- RISER IS SHOWN FOR ILLUSTRATIVE PURPOSES ONLY. RISER DOES NOT REFLECT ALL JUNCTION BOXES AND ROUTING.
- ALL SPEAKER WIRING SHALL BE ENCLOSED IN CONDUIT SYSTEM.
- PROVIDE ATLAS 320-21B/340-428 SECTIONAL WALL CABINET (OR EQUAL) SIZE PER REQUIREMENT. PROVIDE RACK MOUNT ADAPTERS AS NEEDED FOR EQUIPMENT.
- AVERAGE AMBIENT NOISE LEVEL SHALL BE CONSIDERED 50 DB.
- SPEAKER LOADS OF AN INDIVIDUAL CIRCUIT SHALL NOT EXCEED THE RATED AMPACITY OF THE WIRE FEEDING THE SPEAKERS.
- WHERE SEVERAL SPEAKERS ARE SHOWN PER ROOM, RE: "PUBLIC ADDRESS PLAN," 1/E-802 FOR EXACT NUMBER OF DEVICES.
- IN EG LAB 112 AND SHOP AREA 110 EQUIPMENT AND CIRCUITING SHALL BE POWER LIMITED TO COMPLY WITH CLASS 1, DIVISION 1 HAZARDOUS ENVIRONMENT REQUIREMENTS.



D PUBLIC ADDRESS RISER DIAGRAM
NO SCALE

PUBLIC ADDRES EQUIPMENT			
SYMBOL	DESCRIPTION	MANUFACTURER	MODEL
S	SPEAKER ASSEMBLY	EVI (OR EQUAL)	EP-309-8-T TAPED @ 1 WATT (W/ETB-8 SUPPORT)
M	DESKTOP PAGING MIC	EVI (OR EQUAL)	US625ST
	MIXER AMP	EVI (OR EQUAL)	MA1212 (120 WATT, 12 CHANNEL)
	LOCKABLE WALL MOUNT CABINET	ATLAS (OR EQUAL)	340-21B
①	4C #16AWG STP SPEAKER CABLE (1 PAIR SPARE)	WEST PENN (OR EQUAL)	245
②	TWISTED PAIR W/SHIELD #16AWG STP (MINIMUM)	WEST PENN (OR EQUAL)	292

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100% SUBMITTAL				
REV	DATE	DESCRIPTION	CHECK	APP'D
DEPARTMENT OF TRANSPORTATION FEDERAL AVIATION ADMINISTRATION MIKE MONRONEY AERONAUTICAL CENTER - OKLAHOMA CITY, OKLAHOMA				
PSL - POWER SERVICES LABORATORY				
PUBLIC ADDRESS RISER DIAGRAM AND DETAILS Construction Work Request No: 09-018745				
PREPARED BY Rees Associates		APPROVED BY Jon Berkman		
DESIGNED JGH	ISSUED BY OFFICE OF FACILITY MANAGEMENT BLP	DATE May 26, 2011	E-801	
DRAWN JGH	WORK ORDER NO. 09-018745	DRAWING NO. 08-008257	25 of 31	